

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Sajjad Quabili

GENERAL INFORMATION:

Name: Sun Manufacturing Inc.
Address: 107 Industrial Road, Williamstown, KY 41097
Date application received: February 19, 2003
SIC/Source description: 3465
AFS # 21-081-00014
Application log number: 55930
Permit number: V-03-048

APPLICATION TYPE/PERMIT ACTIVITY:

- | | |
|--|--|
| <input type="checkbox"/> Initial issuance | <input type="checkbox"/> General permit |
| <input type="checkbox"/> Permit modification | <input type="checkbox"/> Conditional major |
| __Administrative | <input checked="" type="checkbox"/> Title V |
| __Minor | <input type="checkbox"/> Synthetic minor |
| __Significant | <input type="checkbox"/> Operating |
| <input checked="" type="checkbox"/> Permit renewal | <input checked="" type="checkbox"/> Construction/operating |

COMPLIANCE SUMMARY:

- | | |
|--|---|
| <input type="checkbox"/> Source is out of compliance | <input type="checkbox"/> Compliance schedule included |
| <input type="checkbox"/> Compliance certification signed | |

APPLICABLE REQUIREMENTS LIST:

- | | | |
|------------------------------|----------------------------------|---|
| <input type="checkbox"/> NSR | <input type="checkbox"/> NSPS | <input checked="" type="checkbox"/> SIP |
| <input type="checkbox"/> PSD | <input type="checkbox"/> NESHAPS | <input type="checkbox"/> Other |

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EXISTING EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM	2.256	7.0
SO ₂	0.008	0.008
Nox	1.65	1.65
CO	0.41	0.41
VOC	38.535	90*
MEK	2.225	2.225
Toluene	14.285	66.22
Ethylbenzene	4.58	7.72
Xylene	20.384	33.455
MIBK	3.417	58.591
Formaldehyde	0.481	0.481

* Source-wide VOC emission cap is 90 tons per year

Source Process Description:

Sun Manufacturing Company operates a facility located at 107 Industrial Road, Williamstown with a Title V permit. The source is major for HAP and conditional major for VOC emissions.

Log #55930

The source applied to the Division to renew their Title V permit.

Log #55527

The source applied to the Division to construct/operate a Roller Coating Machine and two Chain-on-edge Machines (EP #7 and 8) at their plant. The potential to emit VOC for these facilities is 20.77 tons per year. The potential to emit combined HAP for these units is 21.756 tons per year (worst case).

COMMENTS:

1. To preclude the applicability of 401 KAR 59:225, New miscellaneous metal parts and products surface coating operations for Emission Point #7 and 8, the source-wide cap for VOC emissions will remain unchanged at 90 tons per year.
2. 40 CFR 63 Subpart M, MACT standard for hazardous air pollutants is applicable to the source.